

Recombinant Human CR1 protein, GST-tagged

Cat. No. CR1-2726H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CR1 protein(P17927)(41-234aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	41-234aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	48.4 kDa
AA Sequence	GQCNAPEWLPFARPTNLTDEFEPPIGTYLNYECPGYSGRPFSIICLKNSVWTGAKD RCRRKSCRNPPDPVNGMVHVIKGIQFGSQIKYSCTKGYRLIGSSSATCIISGDTVWID NETPICDRIPCGLPPTITNGDFISTNRENHFHYGSVVTYRCNPGSGGRKVFELVGEPSI YCTSNDDQVGIWSGPAPQCII
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	CR1 complement component (3b/4b) receptor 1 (Knops blood group) [Homo sapiens]
Official Symbol	CR1
Synonyms	CR1; complement component (3b/4b) receptor 1 (Knops blood group); complement component (3b/4b) receptor 1, including Knops blood group system; complement receptor type 1; CD35; KN; CD35 antigen; C3b/C4b receptor; C3-binding protein; Knops blood group antigen; complement component receptor 1; C3BR; C4BR;
Gene ID	1378
mRNA Refseq	NM_000573
Protein Refseq	NP_000564
MIM	120620
UniProt ID	P17927

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